

Supplementary Figure 1: Analysis of pancreatic cancer development from adult mouse acinar cells

(A) Kaplan-Meier analysis of overall survival of cohorts listed in Figure 1A. Labels indicate the Trp53 status of each cohort. Overall survival in *KT;Ptf1a^{CreER};Trp53^{th/t}* mice (n = 23) and *KT;Ptf1a^{CreER};Trp53^{th/t}* mice (n = 6) is significantly different from *KT;Ptf1a^{CreER};Trp53^{th/t}* mice (n = 21), based on the log-rank test. Overall survival in *KT;Ptf1a^{CreER};Trp53^{th/t}* mice (n = 23) is significantly different from *KT;Ptf1a^{CreER};Trp53^{th/t}* mice (n = 23) and *KT;Ptf1a^{CreER};Trp53^{th/t}* mice (n = 6), based on the log-rank test. ***p-value < 0.001, ****p-value < 0.0001. (B) Kaplan-Meier analysis of pancreatic cancer free survival of the *KT;Ptf1a^{CreER};Trp53^{th/t}* male mice (n = 12), based on the log-rank test. Pancreatic cancer-free survival in *KT;Ptf1a^{CreER};Trp53^{th/t}* male mice (n = 9) is significantly shorter than that of *KT;Ptf1a^{CreER};Trp53^{th/t}* female mice (n = 12), based on the log-rank test. *p-value < 0.05. Not significant = ns. (C) Kaplan-Meier analysis of overall survival of the *KT;Ptf1a^{CreER};Trp53^{th/t}* and *KT;Ptf1a^{CreER};Trp53^{th/t}* and *KT;Ptf1a^{CreER};Trp53^{th/t}* and *KT;Ptf1a^{CreER};Trp53^{th/t}* and *KT;Ptf1a^{CreER};Trp53^{th/t}* and mice (n = 9) is significantly shorter than that of female mice (n = 12), based on the log-rank test. Doverall survival in *KT;Ptf1a^{CreER};Trp53^{th/t}* and mice (n = 9) is significantly shorter than that of female mice (n = 12), based on the log-rank test. Overall survival in *KT;Ptf1a^{CreER};Trp53^{th/t}* and *KT;Ptf1a^{CreER};Trp53^{th/t}* male mice (n = 14), based on the log-rank test . * p-value < 0.05. Not significant = ns. (D) Representative images of mice presenting with ascites, jaundice, or bowel obstruction as indicated by of swelling of the intestine due to blockage. (E) Representat